

Message Text

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P 152135Z JAN 74

FM SECSTATE WASHDC

TO AMEMBASSY BONN PRIORITY

AMEMBASSY THE HAGUE PRIORITY

AMEMBASSY LONDON PRIORITY

INFO AMEMBASSY ADDIS ABABA PRIORITY

AMEMBASSY NAIROBI

DMA WASHDC

DOD WASHDC

S E C R E T STATE 008869

E.O. 11652: GDS

TAGS: OCLR, MILI, TGEN, ET, GW, NL, SE

SUBJECT: HOST COUNTRY CLEARANCE REQUEST FOR DOPPLER

GEODETIC SATELLITE SURVEYS

1. DOD HAS A PRIORITY REQUIREMENT TO IMPROVE THE GEODETIC POSITIONS OF FOUR SENSORS WITHIN THE AIR FORCE SATELLITE CONTROL NETWORK FACILITY (AFSCNF). THESE SENSORS ARE LOCATED IN ETHIOPIA, THE NETHERLANDS, FEDERAL REPUBLIC OF GERMANY, AND THE SEYCHELLES.

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2. ACTION ADDRESSEES ARE REQUESTED TO COORDINATE WITH

APPROPRIATE HOST GOVERNMENT AUTHORITIES ON SURVEYS OF SENSOR SITES BY DMA SURVEYORS USING DOPPLER GEODETIC SATELLITE TECHNIQUE. THIS TECHNIQUE ENTAILS DEPLOYMENT TO EACH AFSCNF SENSOR OF TWO TO THREE DMA SURVEYORS WITH PORTABLE DOPPLER RECEIVING EQUIPMENT (GEOCEIVER) TO ESTABLISH A GEODETIC POSITION BY RECEIVING BROADCAST DATA FROM THE NAVY NAVIGATION SATELLITE SYSTEM. A MAXIMUM DEPLOYMENT OF TWO WEEKS PER SENSOR IS ESTIMATED.

3. EACH DOPPLER FIELD TEAM WILL CONSIST OF TWO TO THREE TDY U.S. MILITARY OR CIVILIAN SURVEYORS FROM DMA. DEPLOYMENT SCHEDULE WILL BE PROVIDED AFTER YOUR APPROVAL IS GRANTED AND AT LEAST 30 DAYS IN ADVANCE OF DEPLOYMENT. THE TOTAL SURVEY EQUIPMENT INCLUDING THE DOPPLER RECEIVERS (GEOCEIVERS) IS RELATIVELY LIGHT WEIGHT, APPROXIMATELY

500-1,000 POUNDS. IF POSSIBLE, TRAVEL OF DMA SURVEYORS AND EQUIPMENT WILL BE VIA U.S. MILITARY AIRCRAFT.

4. FOR THE HAGUE: THE SENSOR REQUIRING AN IMPROVED POSITION IS DCA (NATO) ANTENNA LOCATED AT THE HAGUE, NETHERLANDS. THE LOCATION OF THIS ANTENNA AND THE FACT THAT USG REQUIRES AN IMPROVED POSITION IS UNCLASSIFIED. HOWEVER, THE ASSOCIATION OF THIS DCA ANTENNA TO THE AFSCNF PROGRAM IS SECRET.

5. FOR BONN: THE SENSOR REQUIRING AN IMPROVED POSITION IS DCA ANTENNA LOCATED AT LANDSTUHL, GERMANY. THE SAME SECURITY CRITERIA OUTLINED PARAGRAPH 4 ABOVE APPLIES.

6. FOR LONDON: THE SENSOR REQUIRING AN IMPROVED POSITION IS THE INDIAN OCEAN STATION, ISLAND OF MAHE, SEYCHELLES, OPERATED UNDER PAN AMERICAN SUPPORT. THE LOCATION OF THIS ANTENNA AND ITS ASSOCIATION WITH THE AFSCNF PROGRAM IS SECRET.

7. FYI FOR ADDIS ABABA:

A. THE SENSOR REQUIRING AN IMPROVED POSITION IS THE DEFENSE COMMUNICATION AGENCY'S (DCA) ANTENNA LOCATED AT SECRET

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ASMARA, ETHIOPIA. THE LOCATION OF THIS ANTENNA AND THE FACT THAT USG REQUIRES AN IMPROVED POSITION IS UNCLASSIFIED. HOWEVER, THE ASSOCIATION OF THIS DCA ANTENNA TO THE AFSCNF PROGRAM IS SECRET.

B. UK DOPPLER TEAMS REGULARLY PARTICIPATE WITH DMA IN SIMILAR DOD DOPPLER GEODETIC SATELLITE SURVEYS. UK IS PRESENTLY NEGOTIATING WITH IEG FOR PERMISSION TO DEPLOY

A UK DOPPLER TEAM AND EQUIPMENT IN THE NEAR FUTURE.
MAJOR MILES HENRY (ROYAL ENGINEERS) VISITED YOUR POST
BETWEEN THE FIFTH AND NINTH OF JANUARY 1974 AS A PART OF
UK'S NEGOTIATING EFFORTS WITH IEG. IF THESE NEGOTIATIONS
ARE SUCCESSFUL, THE UK DOPPLER TEAM WILL BE TASKED TO
SATISFY THE DOD POSITIONING REQUIREMENTS AT YOUR POST,
OBVIATING ANY NEED FOR DEPLOYMENT OF U.S. PERSONNEL AND
EQUIPMENT. MAJOR HENRY WAS INSTRUCTED TO BRIEF USDAO ON
STATUS OF UK/IEG NEGOTIATIONS DURING HIS VISIT. END FYI.
RUSH

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